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PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> (37 CFR 1.63)	Attorney Docket Number	2003P14114US
	First Named Inventor	Mary Anne Alvin
	<b>COMPLETE IF KNOWN</b>	
	Application Number	TBA /
	Filing Date	September 24, 2003
	Group Art Unit	TBA
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing	OR	<input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)
Examiner Name		TBA

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METAL GAS SEPARATION MEMBRANE**

the specification of which  
☒ is attached hereto  
OR  
☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number
Daniel C. Abeles	25,822	Daniel J. Staudt	34,733

☒ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number  OR ☐ Correspondence address below

Name	Elsa Keller				
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Address	170 486 Wood Avenue South				
City	Topanga	State	CA	ZIP	08830
Country	USA	Telephone	732-321-3026	Fax	732-321-3014

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))			Family Name or Surname		
MARY ANNE			ALVIN		
Inventor's Signature	<i>Mary Anne Alvin</i>			Date	7-23-03
Residence: City	Pittsburgh	State	PA	Country	US
Post Office Address	113 Lehr Avenue				
Post Office Address					
City	Pittsburgh	State	PA	ZIP	15223
Country	US				

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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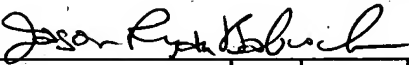
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## DECLARATION

## ADDITIONAL INVENTOR(S)

### Supplemental Sheet

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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
JASON RYAN				BABCOCK			
Inventor's Signature						Date	8/6/03
Residence: City	Topanga	State	CA	Country	US	Citizenship	US
Post Office Address	1135 N. Topanga Canyon Blvd.						
Post Office Address							
City	Topanga	State	CA	ZIP	90290	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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DECLARATION		REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)	
Name	Registration Number	Name	Registration Number
DANIEL C. ABELES	25,822	JEFFREY P. MORRIS	25,307
BRIJ K. AGARWAL	43,507	PASQUALE MUSACCHIO	36,876
ADEL A. AHMED	29,606	JOHN P. MUSONE	44,961
DEBRA Z. ANDERSON	44,506	CARL NAPOLITANO	37,405
JOSEPH W. BAIN	34,290	NORMAN A. NIXON	33,573
TERRENCE M. BRENNAN	42,360	FRANK J. NUZZI	42,944
ALEXANDER J. BURKE	40,425	DONALD B. PASCHBURG	33,753
DAVID D. CHUNG	38,409	DAVID V. RADACK	33,442
DANIEL P. CILLO	25,108	RASHMI S. RAJ	50,500
JOSEPH S. CODISPOTI	31,819	CHRISTOPHER F. REGAN	34,906
GRANT E. COFFIELD	52,758	BENJAMIN M. RUBIN	44,310
JOHN L. DEANGELIS	30,622	ARNOLD B. SILVERMAN	22,614
MICHAEL K. DIXON	46,665	LAURA M. SLENZAK	35,363
HENRY J. GROTH	39,696	DANIEL J. STAUDT	34,733
RICHARD A. HINSON	47,652	ERIK C. SWANSON	40,194
KIRK D. HOUSER	37,357	HEATHER S. VANCE	39,033
MARK H. JAY	27,507	MICHAEL J. WALLACE, JR.	44,486
DAVID C. JENKINS	42,691	RICHARD K. WARTHER	32,180
NELI R. JETTER	46,803	JOHN F. WOODSON, II	45,236
BRIAN K. JOHNSON	46,808	MARK M. ZYLKA	48,518
ROSA S. KIM	39,728		
JENNY G. KO	44,190		
WILLIAM F. LANG IV	41,928		
PETER A. LUCCARELLI, JR.	29,750		
DAVID MAIRE	34,865		
MARK R. MALEK	46,894		
JAMES M. MARKARIAN	31,277		
FRANCIS G. MONTGOMERY	41,202		
RICHARD V. WESTERHOFF	24,454		

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